

L Number	Hits	Search Text	DB	Time stamp
1	357082	(fpc or flexcircuit\$3 or flex adj circuit\$3 or flexcable\$1 or (flex\$4 adj3 (printed or conduct\$4 or cable\$1 or wire\$1 or lead\$1 or wiring\$1)) or ((wireless or laminat\$3 or integrated) adj2 (flexure\$1 or suspension\$1 or load adj beam\$1 or gimbal\$1 or jimbals\$1 or HSA or HGA)) or jumper\$1 or bridge\$1 or interconnect\$4)	EPO; JPO; DERWENT	2003/02/20 16:37
2	2373684	actuator or carriage or e adj block or swing adj arm or vcm or ((voice or drive or driving) adj2 coil) or ((oscillat\$4 or linear) adj2 motor) or magnetic adj "2" circuit or coil\$1 near3 bobbin or (magnet\$1 near6 yoke\$1) or ((oscillat\$4 or magnetic) adj2 rotor) or g11b021/02.ipc.	EPO; JPO; DERWENT	2003/02/20 16:37
3	89674	((fpc or flexcircuit\$3 or flex adj circuit\$3 or flexcable\$1 or (flex\$4 adj3 (printed or conduct\$4 or cable\$1 or wire\$1 or lead\$1 or wiring\$1)) or ((wireless or laminat\$3 or integrated) adj2 (flexure\$1 or suspension\$1 or load adj beam\$1 or gimbal\$1 or jimbals\$1 or HSA or HGA)) or jumper\$1 or bridge\$1 or interconnect\$4)) and (actuator or carriage or e adj block or swing adj arm or vcm or ((voice or drive or driving) adj2 coil) or ((oscillat\$4 or linear) adj2 motor) or magnetic adj "2" circuit or coil\$1 near3 bobbin or (magnet\$1 near6 yoke\$1) or ((oscillat\$4 or magnetic) adj2 rotor) or g11b021/02.ipc.	EPO; JPO; DERWENT	2003/02/20 14:58
4	1817) g11b\$.ipc. and (((fpc or flexcircuit\$3 or flex adj circuit\$3 or flexcable\$1 or (flex\$4 adj3 (printed or conduct\$4 or cable\$1 or wire\$1 or lead\$1 or wiring\$1)) or ((wireless or laminat\$3 or integrated) adj2 (flexure\$1 or suspension\$1 or load adj beam\$1 or gimbal\$1 or jimbals\$1 or HSA or HGA)) or jumper\$1 or bridge\$1 or interconnect\$4)) and (actuator or carriage or e adj block or swing adj arm or vcm or ((voice or drive or driving) adj2 coil) or ((oscillat\$4 or linear) adj2 motor) or magnetic adj "2" circuit or coil\$1 near3 bobbin or (magnet\$1 near6 yoke\$1) or ((oscillat\$4 or magnetic) adj2 rotor) or g11b021/02.ipc.)	EPO; JPO; DERWENT	2003/02/20 14:58

5	480812	(align\$7 or position\$5 or locat\$5) near4 (pin\$1 or post\$1 or hole\$1 or aperture\$1 or protuber\$5 or support\$4 or pillar\$1 or leg\$1 or rod\$1 or bar\$1 or lug\$1 or shaft\$1)	EPO; JPO; DERWENT	2003/02/20 16:14
6	57	(g11b\$.ipc. and (((fpc or flexcircuit\$3 or flex adj circuit\$3 or flexcable\$1 or (flex\$4 adj3 (printed or conduct\$4 or cable\$1 or wire\$1 or lead\$1 or wiring\$1)) or ((wireless or laminat\$3 or integrated) adj2 (flexure\$1 or suspension\$1 or load adj beam\$1 or gimbal\$1 or jimbale\$1 or HSA or HGA)) or jumper\$1 or bridge\$1 or interconnect\$4)) and (actuator or carriage or e adj block or swing adj arm or vcm or ((voice or drive or driving) adj2 coil) or ((oscillat\$4 or linear) adj2 motor) or magnetic adj "2" circuit or coil\$1 near3 bobbin or (magnet\$1 near6 yoke\$1) or ((oscillat\$4 or magnetic) adj2 rotor) or g11b021/02.ipc.))) and ((align\$7 or position\$5 or locat\$5) near4 (pin\$1 or post\$1 or hole\$1 or aperture\$1 or protuber\$5 or support\$4 or pillar\$1 or leg\$1 or rod\$1 or bar\$1 or lug\$1 or shaft\$1))	EPO; JPO; DERWENT	2003/02/20 15:07
7	386795	arm	EPO; JPO; DERWENT	2003/02/20 15:36
8	14753	((fpc or flexcircuit\$3 or flex adj circuit\$3 or flexcable\$1 or (flex\$4 adj3 (printed or conduct\$4 or cable\$1 or wire\$1 or lead\$1 or wiring\$1)) or ((wireless or laminat\$3 or integrated) adj2 (flexure\$1 or suspension\$1 or load adj beam\$1 or gimbal\$1 or jimbale\$1 or HSA or HGA)) or jumper\$1 or bridge\$1 or interconnect\$4)) and arm	EPO; JPO; DERWENT	2003/02/20 15:36
9	25935	(actuator or carriage or swing or suspension or hsa or hga) near5 arm	EPO; JPO; DERWENT	2003/02/20 16:14
10	939	((fpc or flexcircuit\$3 or flex adj circuit\$3 or flexcable\$1 or (flex\$4 adj3 (printed or conduct\$4 or cable\$1 or wire\$1 or lead\$1 or wiring\$1)) or ((wireless or laminat\$3 or integrated) adj2 (flexure\$1 or suspension\$1 or load adj beam\$1 or gimbal\$1 or jimbale\$1 or HSA or HGA)) or jumper\$1 or bridge\$1 or interconnect\$4)) and arm) and ((actuator or carriage or swing or suspension or hsa or hga) near5 arm)	EPO; JPO; DERWENT	2003/02/20 15:37

11	175	g11b\$.ipc. and (((fpc or flexcircuit\$3 or flex adj circuit\$3 or flexcable\$1 or (flex\$4 adj3 (printed or conduct\$4 or cable\$1 or wire\$1 or lead\$1 or wiring\$1)) or ((wireless or laminat\$3 or integrated) adj2 (flexure\$1 or suspension\$1 or load adj beam\$1 or gimbal\$1 or jimbals\$1 or HSA or HGA)) or jumper\$1 or bridge\$1 or interconnect\$4)) and arm) and ((actuator or carriage or swing or suspension or hsa or hga) near5 arm))	EPO; JPO; DERWENT	2003/02/20 16:29
12	1	1990-241614.NRAN.	DERWENT	2003/02/20 16:12
13	4895	(fpc or flexcircuit\$3 or flex adj circuit\$3 or flexcable\$1 or (flex\$4 adj3 (printed or conduct\$4 or cable\$1 or wire\$1 or lead\$1 or wiring\$1)) or ((wireless or laminat\$3 or integrated) adj2 (flexure\$1 or suspension\$1 or load adj beam\$1 or gimbal\$1 or jimbals\$1 or HSA or HGA)) or jumper\$1 or bridge\$1 or interconnect\$4)	IBM_TDB	2003/02/20 16:14
14	2966	(align\$7 or position\$5 or locat\$5) near4 (pin\$1 or post\$1 or hole\$1 or aperture\$1 or protuber\$5 or support\$4 or pillar\$1 or leg\$1 or rod\$1 or bar\$1 or lug\$1 or shaft\$1)	IBM_TDB	2003/02/20 16:38
15	230	((fpc or flexcircuit\$3 or flex adj circuit\$3 or flexcable\$1 or (flex\$4 adj3 (printed or conduct\$4 or cable\$1 or wire\$1 or lead\$1 or wiring\$1)) or ((wireless or laminat\$3 or integrated) adj2 (flexure\$1 or suspension\$1 or load adj beam\$1 or gimbal\$1 or jimbals\$1 or HSA or HGA)) or jumper\$1 or bridge\$1 or interconnect\$4)) and ((align\$7 or position\$5 or locat\$5) near4 (pin\$1 or post\$1 or hole\$1 or aperture\$1 or protuber\$5 or support\$4 or pillar\$1 or leg\$1 or rod\$1 or bar\$1 or lug\$1 or shaft\$1))	IBM_TDB	2003/02/20 16:14
16	14	(actuator or carriage or swing or suspension or hsa or hga) and (((fpc or flexcircuit\$3 or flex adj circuit\$3 or flexcable\$1 or (flex\$4 adj3 (printed or conduct\$4 or cable\$1 or wire\$1 or lead\$1 or wiring\$1)) or ((wireless or laminat\$3 or integrated) adj2 (flexure\$1 or suspension\$1 or load adj beam\$1 or gimbal\$1 or jimbals\$1 or HSA or HGA)) or jumper\$1 or bridge\$1 or interconnect\$4)) and ((align\$7 or position\$5 or locat\$5) near4 (pin\$1 or post\$1 or hole\$1 or aperture\$1 or protuber\$5 or support\$4 or pillar\$1 or leg\$1 or rod\$1 or bar\$1 or lug\$1 or shaft\$1)))	IBM_TDB	2003/02/20 16:18
17	113	360/264.2.ccls.	USPAT; US-PGPUB	2003/02/20 16:19

18	142	360/245.9.ccls.	USPAT; US-PGPUB	2003/02/20 16:30
19	256450	((fpc or flexcircuit\$3 or flex adj circuit\$3 or flexcable\$1 or (flex\$4 adj3 (printed or conduct\$4 or cable\$1 or wire\$1 or lead\$1 or wiring\$1)) or ((wireless or laminat\$3 or integrated) adj2 (flexure\$1 or suspension\$1 or load adj beam\$1 or gimbal\$1 or jimbai\$1 or HSA or HGA)) or jumper\$1 or bridge\$1 or interconnect\$4)).ti,ab,clm.	USPAT; US-PGPUB	2003/02/20 16:40
20	108545	(actuator or carriage or e adj block or swing adj arm).ti,ab,clm.	USPAT; US-PGPUB	2003/02/20 16:38
21	392907	((align\$7 or position\$5 or locat\$5) near4 (pin\$1 or post\$1 or hole\$1 or aperture\$1 or protuber\$5 or support\$4 or pillar\$1 or leg\$1 or rod\$1 or bar\$1 or lug\$1 or shaft\$1)).ti,ab,clm.	USPAT; US-PGPUB	2003/02/20 16:39
22	5329	((fpc or flexcircuit\$3 or flex adj circuit\$3 or flexcable\$1 or (flex\$4 adj3 (printed or conduct\$4 or cable\$1 or wire\$1 or lead\$1 or wiring\$1)) or ((wireless or laminat\$3 or integrated) adj2 (flexure\$1 or suspension\$1 or load adj beam\$1 or gimbal\$1 or jimbai\$1 or HSA or HGA)) or jumper\$1 or bridge\$1 or interconnect\$4)).ti,ab,clm.) and ((actuator or carriage or e adj block or swing adj arm).ti,ab,clm.) and (((align\$7 or position\$5 or locat\$5) near4 (pin\$1 or post\$1 or hole\$1 or aperture\$1 or protuber\$5 or support\$4 or pillar\$1 or leg\$1 or rod\$1 or bar\$1 or lug\$1 or shaft\$1)).ti,ab,clm.)	USPAT; US-PGPUB	2003/02/20 16:39
23	94320	(actuator or arm).ti,ab.	USPAT; US-PGPUB	2003/02/20 16:40
24	1847	((fpc or flexcircuit\$3 or flex adj circuit\$3 or flexcable\$1 or (flex\$4 adj3 (printed or conduct\$4 or cable\$1 or wire\$1 or lead\$1 or wiring\$1)) or ((wireless or laminat\$3 or integrated) adj2 (flexure\$1 or suspension\$1 or load adj beam\$1 or gimbal\$1 or jimbai\$1 or HSA or HGA)) or jumper\$1 or bridge\$1 or interconnect\$4)).ti,ab,clm.) and ((actuator or carriage or e adj block or swing adj arm).ti,ab,clm.) and (((align\$7 or position\$5 or locat\$5) near4 (pin\$1 or post\$1 or hole\$1 or aperture\$1 or protuber\$5 or support\$4 or pillar\$1 or leg\$1 or rod\$1 or bar\$1 or lug\$1 or shaft\$1)).ti,ab,clm.) and ((actuator or arm).ti,ab.)	USPAT; US-PGPUB	2003/02/20 16:40
25	16952	((fpc or flexcircuit\$3 or flex adj circuit\$3 or flexcable\$1 or (flex\$4 adj3 (printed or conduct\$4 or cable\$1 or wire\$1 or lead\$1 or wiring\$1))))).ti,ab,clm.	USPAT; US-PGPUB	2003/02/20 16:41

26	207	<p> ((((fpc or flexcircuit\$3 or flex adj circuit\$3 or flexcable\$1 or (flex\$4 adj3 (printed or conduct\$4 or cable\$1 or wire\$1 or lead\$1 or wiring\$1)) or ((wireless or laminat\$3 or integrated) adj2 (flexure\$1 or suspension\$1 or load adj beam\$1 or gimbal\$1 or jimbai\$1 or HSA or HGA)) or jumper\$1 or bridge\$1 or interconnect\$4)).ti,ab,clm.) and ((actuator or carriage or e adj block or swing adj arm).ti,ab,clm.) and (((align\$7 or position\$5 or locat\$5) near4 (pin\$1 or post\$1 or hole\$1 or aperture\$1 or protuber\$5 or support\$4 or pillar\$1 or leg\$1 or rod\$1 or bar\$1 or lug\$1 or shaft\$1)).ti,ab,clm.)) and ((actuator or arm).ti,ab.)) and (((fpc or flexcircuit\$3 or flex adj circuit\$3 or flexcable\$1 or (flex\$4 adj3 (printed or conduct\$4 or cable\$1 or wire\$1 or lead\$1 or wiring\$1))))).ti,ab,clm.) </p>	USPAT; US-PGPUB	2003/02/20 16:41
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